

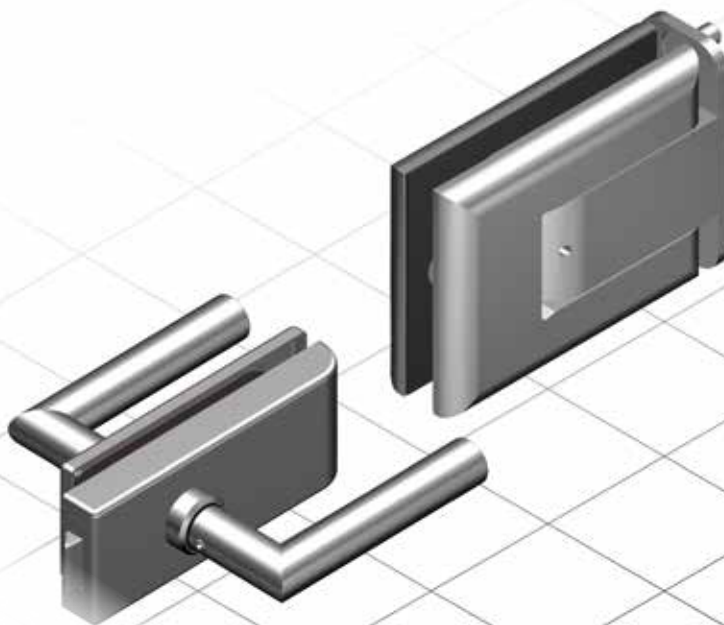
# Hardware Solution for Glass Doors

STUDIO Fittings

OBJEKT Panic Fittings

SPRINT Sliding Door Fittings

SELCO Self-closing Double Action Door Hinges



## Hardware Solution for Glass Doors

For design glass is a very special material. Openness and transparency, free view and the effect of generosity. To lock rooms without separating them – that demands design with glass.

The current trend is towards unobtrusive design where possible, placing glass firmly in the foreground. The series STUDIO and the double action door hinge SELCO contribute to this concept – less is more.

In terms of flexibility, the SPRINT sliding door fittings are ahead of the pack. Glass doors are easily adapted to the most diverse installation situation, from damped opening and closing SOFT-STOP to bi-parting system for double leaf doors and touch-free door opening systems.

Unusual optics are a winner where functionality covers all bases. Our new panic locks for glass doors allow for totally new design options. Glass doors and panic doors in line with DIN EN 179 and DIN EN 1125 are no longer impossible.

WSS high-quality components are designed and manufactured to make the required glass preparation as easy as possible and to ensure a quick and safe assembly.

Come and see for yourself!

## Content

STUDIO Fittings .....	Page 3
OBJEKT Panic Fittings .....	Page 6
SPRINT NOVA 80 Sliding Door Fitting .....	Page 8
SPRINT NOVA 180 Sliding Door Fitting .....	Page 9
SELCO Self-closing Double Action Door Hinges .....	Page 10

# Perfect Design



## STUDIO Fittings

### Best quality, flexible as never before

The reliable series STUDIO is extended by the versions locking / without latch throw, noise-reductive latch, magnet latch, VENA (new shape) and fastening nut.

Lots of glass, slim profile – the locking / without latch throw lock version is particularly suitable for slim frame profiles, where a throw of the latch and bolt is not possible.

The noise-reductive latch causes a damped striking at the strike plate. Closing noises and signs of wear on the strike plate are reduced to a minimum.

The flush magnet latch avoids a striking at the strike plate – the door closes gentle and smooth. The powerful magnet attracts the latch when the door is closed. Standard strike plates can still be used for the retrofit of a magnetic insert.

The new fastening nut significantly reduces the allowance for clearance between square pin and nut.

The lever handle is always set into idling mode when the latch is locked. This prevents damage to the lock mechanism by incorrect use.

All locks of the STUDIO series are suitable for unrestricted use in the private and commercial sector.

#### STUDIO fittings are suitable for:

- Installation in frames according to DIN 18101/18111
- 8–(10) mm ESG / 24–(26) mm frame rebate depth
- Corrosion protection according to DIN EN 1670 / class 3 (standard version), class 4 (special version)

#### Test:

According to DIN 18251 / class 4, tested with 1.5 million locking cycles (norm specification: 500,000 latch- and 100,000 bolt tests).



STUDIO lock locking, no latch throw



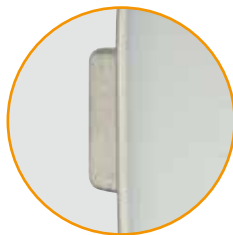
STUDIO lock with magnet latch

# The STUDIO modular system: Eight steps to your hardware

1. Lock shape
2. Lock type
3. Clamping plate
4. Latch type
5. Locking with or without latch throw
6. Hinges
7. Lever handles
8. Surface finish

(Information: The version without latch throw is not combinable with the magnet latch.)

## Three latches



Standard latch



Noise-reductive latch



Magnet latch

## Lock insert

- Whisper quiet operation

## Polyisocyanat springs

- Extremely high durability
- No failure of the springs
- Short molecular chains provide high elasticity
- No abrasion, no fatigue of material
- Infinite adjustment of the lever handle resistance
- Extremely high durability with more than 1.5 million closing cycles

## Adjustment of the lever handle resistance

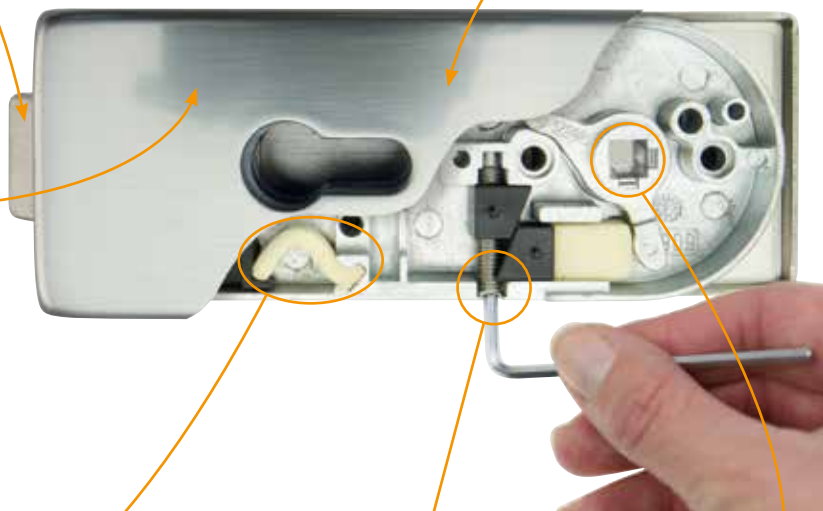
- Easy and infinite at installed lock

## Surface

- High-quality aluminium surfaces or
- Stainless steel finish

## Fastening nut

- Minor clearance between square pin and nut



The three designs of the STUDIO family:

## STUDIO O L I S



## STUDIO A L E A



## STUDIO V E N A



### Locks



Non-locking, handle forward



Non-locking, handle rear



BB-lock  
(with two keys)



For profile cylinder



WC DIN left or DIN right  
inward or outward

### Standard lever handles



Mitred form



Round form



Flat form

### Hinges



Business Line  
Commercial sector



Private Line  
Private sector

# Safety through innovation

## OBJEKT Panic Fittings

### OBJEKT Panic Fittings – safe, reliable, aesthetically

Do not panic – thanks to tested security! Panic devices require enormous demands on the fitting technology – because in an emergency, they save lives. The quick and easy opening of the escape doors in emergency situations with panic fittings is successfully certified by the test according to DIN EN 179 and DIN EN 1125.

Our product range is rounded off by the new design of the WSS panic bar and matching lever handle. Be always on the safe side with WSS.

#### Glass panic fittings are suitable for:

- 8, 10 and 12 mm ESG
- Doors with a leaf width up to max. 1,200mm
- Max. 100kg leaf weight
- Corrosion protection according to DIN EN 1670 / class 3

#### Models:

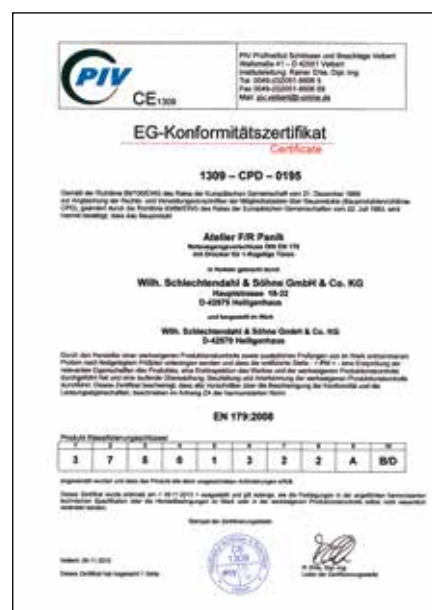
- Panic lock with fixed knob and lever handle (DIN EN 179), function E
- Panic lock with lever handle on both sides (DIN EN 179), function B and D
- Panic lock with panic push bar (DIN EN 1125), function B, D and E
- Round or square design of lock cases
- Panic locks according to DIN EN 179 are also available for inward opening doors
- High-quality aluminium surfaces or stainless steel finish

#### Accessories:

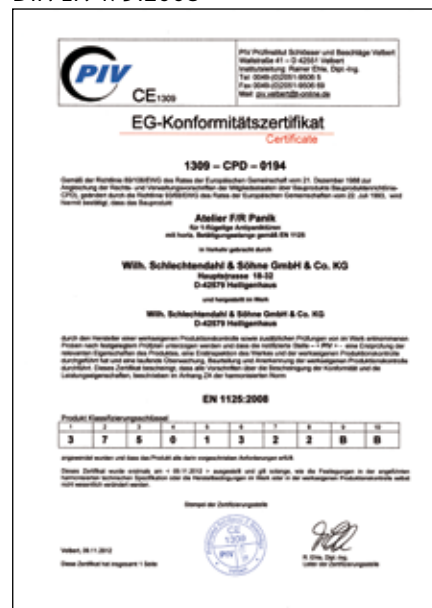
- Strike box for fixed side panel
- Hinges, sleeves and frame pivots
- Profile cylinder and electronic cylinder with AP function
- Double action door patch fittings and -rails
- Single action door patch fittings and -rails

#### Test:

DIN EN 179 and DIN EN 1125 with the illustrated fittings



Test certificate according to  
DIN EN 179:2008

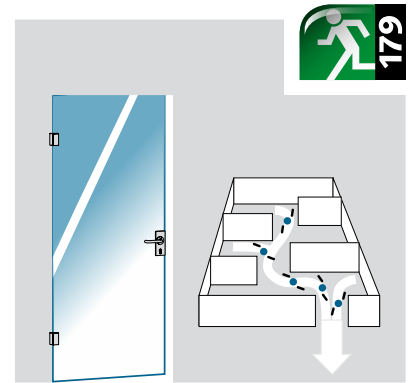


Test certificate according to  
DIN EN 1125:2008

## DIN EN 179: Locks for emergency exit doors

Panic locks with fixed knob and lever handle or lever handles on both sides for emergency exit doors are used in buildings where panic is unlikely to occur. The people involved are familiar with the emergency exits and how the emergency exit doors work.

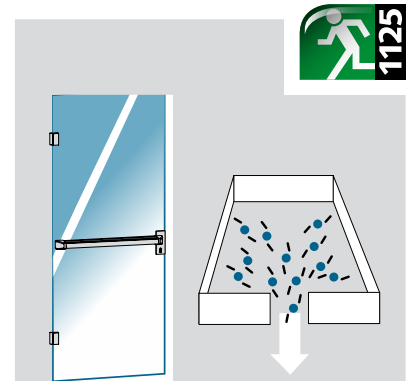
Areas of application: offices, workshops.



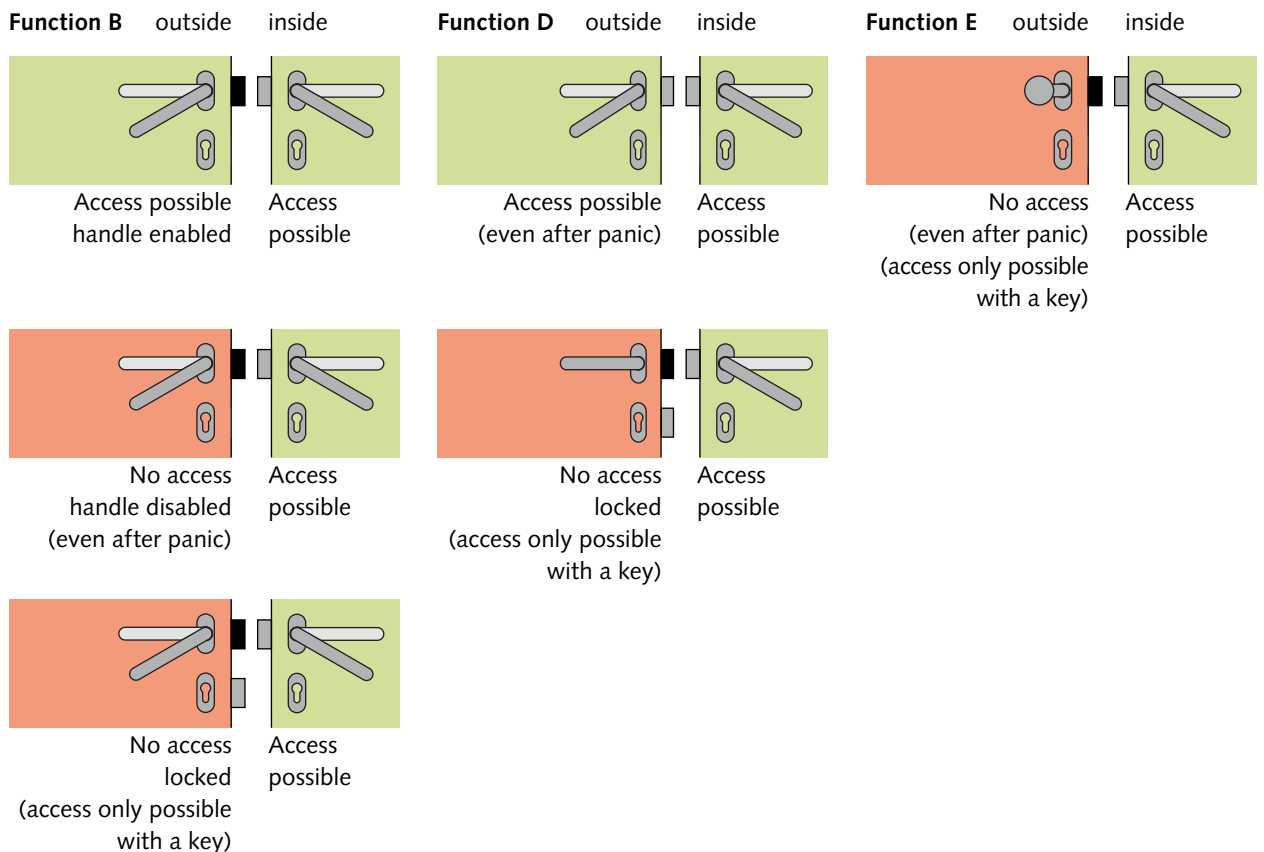
## DIN EN 1125: Locks with panic push bars for panic doors

Panic locks with panic push bars are used in buildings where panic is likely to arise if a dangerous situation occurs. The people involved are not familiar with how the emergency exit doors work. In an emergency, a safe emergency escape route must be provided even in a high-pressure situation.

Areas of application: schools, hospitals, public administration buildings, shopping malls, airports, hotels, theatres, cinemas, stadia, discotheques/night clubs and concert halls.



## Locking functions B, D and E





# Descreed Contours

## SPRINT NOVA 80 Sliding Door Fitting

### Up to 80 kg leaf weight

Slim, straight but still robust – the new SPRINT NOVA 80 fitting for private and commercial use.

#### SPRINT NOVA 80 is suitable for:

- Single and double leaf sliding glass or timber doors
- Wall, ceiling or glass installation
- 8, 10 and 12 mm ESG or 8,76, 10,76 and 12,76 mm VSG
- Max. 80kg leaf weight (ESG made of uncoated Float glass)
- Corrosion protection according to DIN EN 1670 / class 4

#### Options:

- Damped opening and closing system SOFT-STOP
- Use with side panel possible
- Bi-parting system for double leaf doors
- High-quality aluminium surfaces or stainless steel finish

#### Technical Details:

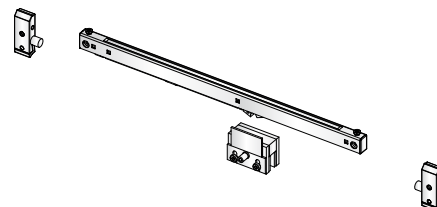
Profile height: ..... 65 mm

Sliding track ceiling: ..... drilled every 340 mm/Ø 6.3 mm

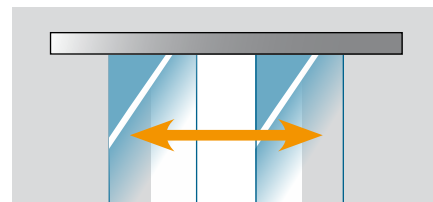
Sliding track wall: ..... drilled every 340 mm/Ø 6.3 mm

Height adjustable: ..... ±3,5 mm at carrier

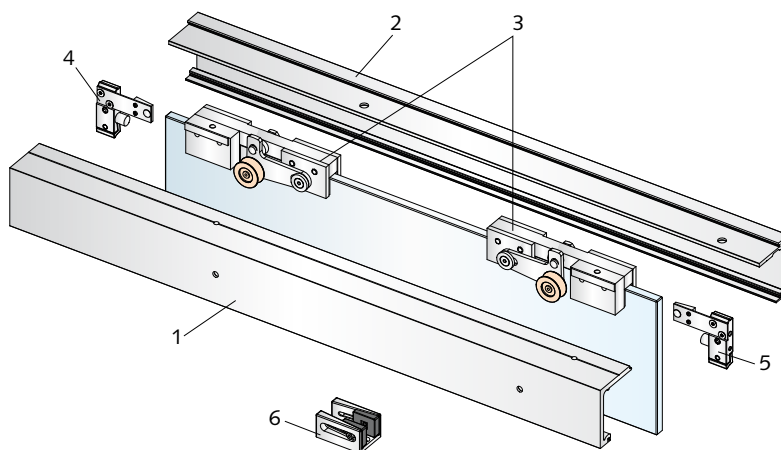
Test: ..... 100,000 cycles according to DIN EN 1527 / class 6



The door is gently damped and guided into the final position using the **SOFT-STOP**.



The **bi-parting** system allows a synchronic movement of the two leaves.



#### Components:

1. Sliding track
2. Cover
3. Carrier
4. Track stop left
5. Track stop right
6. Floor guide



# New Perspectives

## SPRINT NOVA 180 Sliding Door Fitting

### Up to 180 kg leaf weight

SPRINT NOVA 180 combines quality for commercial use with a pleasantly anassuming design.

#### SPRINT Nova 180 is suitable for:

- Single and double leaf sliding glass doors
- Wall or ceiling installation
- 8, 10 and 12 mm ESG or 8,76, 10,76 and 12,76 mm VSG
- Max. 180kg leaf weight (ESG made of uncoated Float glass)
- Corrosion protection according to DIN EN 1670 / class 4

#### Options:

- Damped opening and closing system SOFT-STOP (up to 80kg leaf weight)
- Use with side panel possible
- Bi-parting system for double leaf doors
- High-quality aluminium surfaces or stainless steel finish

#### Technical Details:

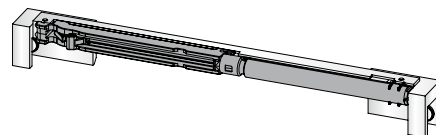
Profile height: .....65 mm

Sliding track ceiling:.....drilled every 340 mm/Ø 6.3 mm

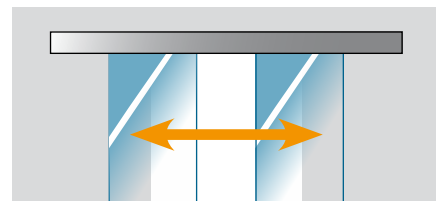
Sliding track wall: .....drilled every 340 mm/Ø 6.3 mm

Height adjustable: .....±5 mm at carrier

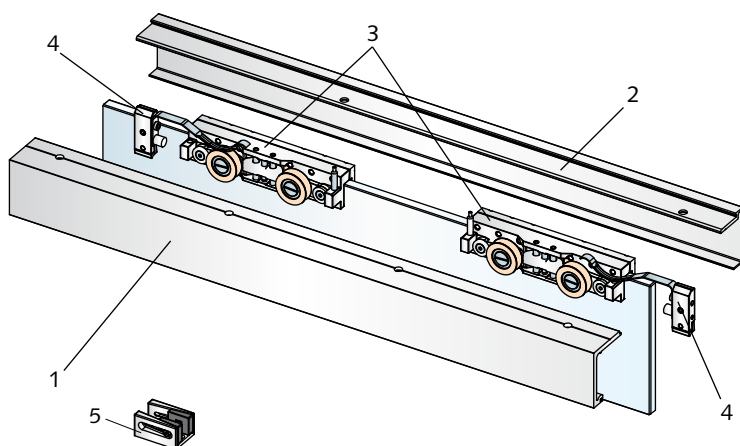
Test: .....100,000 cycles according to DIN EN 1527 / class 6



The door is gently damped and guided into the final position using the **SOFT-STOP**.



The **bi-parting** system allows a synchronic movement of the two leaves.



#### Components:

1. Sliding track
2. Cover
3. Carrier
4. Track stop
5. Floor guide

# The most beautiful door closer in the world: a double action door hinge



## SELCO Self-closing Double Action Door Hinges

The new self-closing double action door hinges for internal doors in private and commercial sector are particularly designed for passageways. No need for time-consuming installation of door closers. SELCO double action door hinges do not require any complicated glass preparations and are easy to install.

**Quality. Optics. Function.**  
For leaf weight of up to 70 kg

### SELCO is suitable for:

- Max. 70 kg leaf weight
- Leaf widths up to 1,000 mm
- Leaf heights up to 2,500 mm
- 8, 10 and 12 mm ESG
- Fixing options: glass – wall, glass – frame and glass – glass
- Corrosion protection according to DIN EN 1670 / class 3

### Technical details:

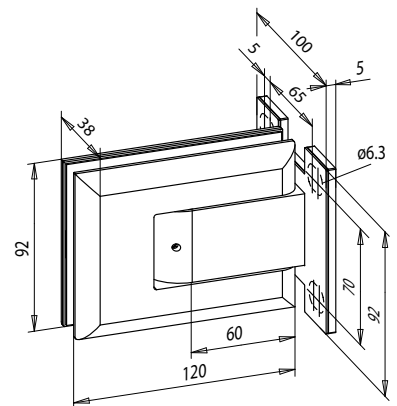
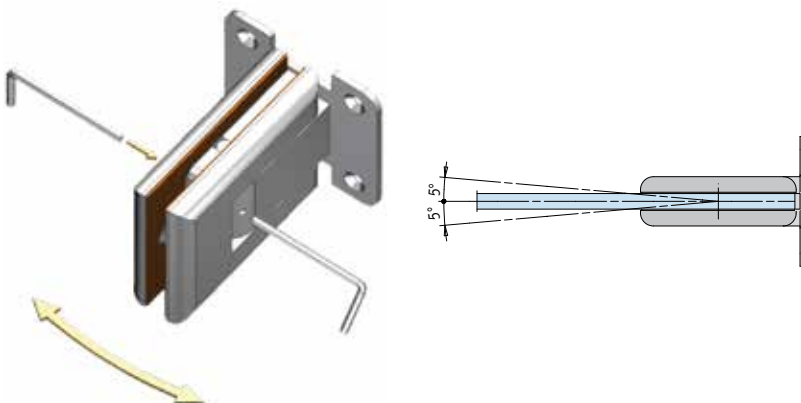
Arrester: ..... at 90°

Zero position adjustment: ..... ±5°

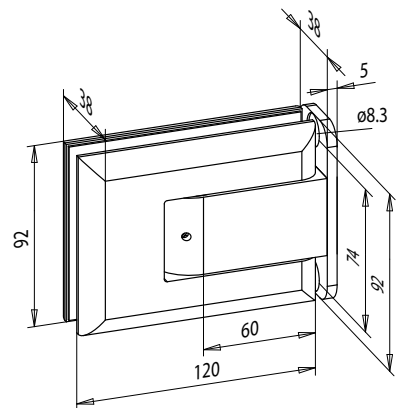
Test: ..... 500,000 cycles according to DIN EN 18263

Surface: ..... high-quality aluminium surface or stainless steel finish

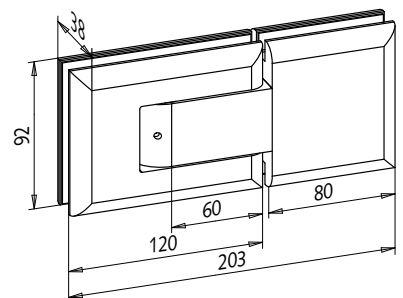
**Simple adjustment of zero position**



**Glass – Wall:** Installation onto wall using surface mounted fixing plate



**Glass – Frame:** Installation onto frame using embedded fixing plate with on-site installation kit



**Glass – Glass:** Installation onto glass side panel





**Wilh. Schlechtendahl & Söhne**  
GmbH & Co. KG

Hauptstrasse 18–32  
42579 Heiligenhaus  
Germany

Phone: +49 (0) 20 56 / 17-0

Fax: +49 (0) 20 56 / 51 42

wss@wss.de

www.wss.de

All image, product, dimension and design information is correct at the time of going to press. We reserve the right to make any changes that may be required for technical and further development. We assume no liability for printing or other errors. Legal claims, regardless of their nature, may not be inferred from the use of our documents. No part of this document may be reproduced without our prior written consent.